



NEW JERSEY WEEKLY CROP WEATHER

New Jersey
Agricultural Statistics Service

In Cooperation With:
U.S. Department of Agriculture
National Agricultural Statistics Service
Agricultural Marketing Service
U.S. Department of Commerce/N.O.A.A.
Rutgers University

NOAA WEATHER RADIO STATIONS

Allentown
WXL-39 on the VHF-FM
frequency of 162.40 Megahertz.
Atlantic City
KHB-38 on the VHF-FM
frequency of 162.40 Megahertz.
New York City
KWO-35 on the VHF-FM
frequency of 160.55 Megahertz.
Philadelphia
KIH-28 on the VHF-FM
frequency of 162.475 Megahertz.

NEW JERSEY AUCTIONS

Vineland
Phone: (856)691-0721
Sales 10:00AM Daily except Sunday.
Landisville
Phone: (856)697-2273
Direct Sales Daily
Swedesboro
Phone: (856)476-0313
Hightstown
Phone: (609)448-0193
Auction Sales Mon-Wed-Fri-7pm

Agricultural Weather Advisory for New Jersey and Southeastern Pennsylvania
Issued by Rutgers University New Brunswick NJ
8 AM EDT Monday, September 27, 2004

Rainfall amounts, tenth of an inch possible late today, one to two inches possible tonight and Tuesday.

Winds for spraying, east around 10 mph today, southeast around 10 mph tonight, southeast then north 10 to 15 mph Tuesday.

Relative humidity in percent, 55 to 65 today, near 100 tonight and Tuesday.

Dew points, low 60s today, mid 60s tonight and Tuesday.

Drying conditions, fair today but possibly turning poor by late in the day, poor Tuesday.

Frost, freeze, or dew, little dew but wetting in rain is likley tonight and Tuesday night.

Percent of possible sunshine, 40 today, less than 10 Tuesday.

There is a 30 percent probability of precipitation during the 12 hour period beginning at 8 am and ending at 8 pm that could adversely affect the performance of pesticides that require a rain free period after application.

Temperatures in the representative cranberry bogs will remain above freezing tonight and Tuesday night.

Hay cutting will see an increasing threat of rain by late today and a soaking rain is likely on Tuesday. Drier air should return for Wednesday and remain in place for the second half of the week.

The latest 8 to 14 day outlook for the period October 4, 2004, through October 10, 2004, is calling for temperatures to average above normal and precipitation to total near normal.

Climate summary for the week ending 8 am September 27, 2004

Temperatures averaged much above normal, averaging 66 degrees north, 66 degrees central, and 66 degrees south. Extremes were 86 degrees at Seabrook and Glassboro on September 24, 2004, and 46 degrees at several locations on September 21, 2004.

Weekly rainfall averaged 0.00 inches north, 0.00 inches central, and 0.00 inches south. The heaviest 24 hour total reported was zero at all locations.

Estimated soil moisture, in percent of field capacity, this past week averaged 89 percent north, 71 percent central, and 53 percent south.

Four inch soil temperatures averaged 65 degrees north, 65 degrees central, and 65 degrees south.

WEATHER SUMMARY FOR THE WEEK ENDING 8 AM MONDAY, SEPTEMBER 27, 2004										
Weather Stations	Rainfall			Temperatures				Growing Degree Days 1/		Soil Moisture 2/
	Last Week	Since March 1		Last Week						
		Total	Dept.*	Max.	Min.	Avg.	Dept.*	Total	Dept.*	
- Inches -				- Degrees -				- Base 50°F -		
NORTH										
Belvidere Bridge	.00	37.24	9.19	82	48	66	6	2956	377	77
Canoe Brook	.00	33.75	4.27	85	49	67	7	3027	434	83
Charlotteburg	.00	31.82	2.05	82	47	65	8	2770	716	79
Flemington	.00	35.98	7.83	83	46	65	5	2982	324	86
Long Valley										
Newton										
CENTRAL										
Freehold	.00	27.61	.29	82	47	65	3	3173	344	80
Long Branch	.00	27.88	.23	84	53	66	4	3023	250	49
New Brunswick	.00	28.91	1.11	84	49	67	5	3186	227	84
Toms River	.00	27.91	-.37	84	46	65	3	3282	504	37
Trenton	.00	26.31	.01	84	46	67	4	3258	178	65
SOUTH										
Cape May C.H.	.00	21.56	-2.98	84	47	65	0	3139	317	35
Downstown	.00	23.27	-2.45	85	45	65	1	3341	243	51
Glassboro	.00	38.09	11.02	86	52	69	6	3402	340	64
Hammonton	.00	25.80	-1.24	85	47	66	3	3454	385	33
Pomona	.00	22.76	-1.64	84	45	65	3	3309	459	44
Seabrook	.00	28.13	3.33	86	52	69	5	3671	553	48
South Harrison	.00	28.84	2.45	85	49	66	N/A	3495	N/A	N/A

*Departure from normal.
1/ Growing degree days since March 1, 2004, total and departure from normal or long term average.
2/ Estimated soil moisture as % of field capacity based on climate data.

Remnants of Hurricane Ivan Felt in New Jersey

Days suitable for field work for the week ending Sunday, September 26, 2004, were 6.0. Temperatures were above normal for the week across most of the state. Soil moisture was rated 20% short, 75% adequate, and 5% surplus. Fieldwork included harvesting field corn for grain, corn silage, hay, fruit, and vegetables. Fall cover crops were planted where weather conditions allowed. Some alfalfa fields were cut for the fourth time this season. Summer potato harvest drew to a close, and there were isolated reports of the fungal disease, Rhizoctonia. Apple harvest continued across the state. Cranberry harvest began. Moldy pasture forage caused several cases of salivation syndrome. Some animals suffered severe dehydration from ingesting moldy pasture forage. There were reports of some flooding of fields due to the Delaware River overflowing its banks and backing up its tributaries in parts of the state. There were also reports of wind damage that laid down sweet and field corn in areas of the state that were affected by the remnants of Hurricane Ivan.

JERSEY FRESH AVAILABILITY FOR SEPTEMBER 27, 2004

Acorn & Spaghetti Squash - Harvesting a fair to good volume of good quality product.

Baby Arugula & Baby Spinach - Harvesting in good quality and volume.

Basil - Harvesting good quality and decreasing volume as the weather gets cooler.

Beets - Harvesting good quality and volume.

Broccoli - Harvesting good quality and quantity in Central New Jersey.

Butternut Squash -Harvesting a fair to good volume of good quality product.

Cabbage - Good quality Red, Savoy, and Green being harvested in major quantities.

Cilantro & Parsley - Harvesting good quality and volume.

Cranberries - Coming on quickly though they need some cool weather to put on some more color. Though the main harvest won't start until next week, the increasing demand for white cranberries has seen some berries harvested already. We will have increased amounts of high quality dry harvested red and white berries available this year.

Cucumbers - Harvesting good quality and volume with a nice fall crop.

Dill & Spinach - Harvesting good quality of Spinach and Dill in fair to good volume with the fall crop being harvested.

Eggplant - Harvesting very good quality product in fair to decreasing volume.

Escarole/Endive - Harvesting a fair to good volume of good quality product with the fall crop being harvested.

Green Onions - Good quality and fair to good volume.

Greens - Good quality and volume of Collards, Kholrabi, Kale, Mustard, Broccoli Raab, and Swiss Chard.

Leeks - Good quality being harvested in good volume.

Lettuces - Harvesting good quality Boston, Green & Red Leaf, and Romaine lettuces in fair to increasing volume. It will be another week before good volume exists. Iceberg lettuce starting to be harvested this week with volume building over the next week or so.

Peaches - The season is finished though some smaller North New Jersey growers should probably have a little bit of product left.

Peppers -Harvesting very good quality product in good volume.

Pickles (Kirby cucumbers) - Good quality and quantity available.

Pumpkins - We'll have less supply again this year with wholesale prices proportionately higher. The cool and wet spring caused late planting and a light fruit set. Then we had some periods of steady mid-summer rainfall that led to disease producing conditions.

Squashes - Fair to good quality Yellow and Zucchini are being harvested in fair to increasing quantities with fall product starting to come in. A tight marketplace still exists with good prices to growers.

Sweet Corn - Harvesting fair to good quality in fair to decreasing availability from now on. Quality will vary now due to fall insect pressures.

Sweet Potatoes - Harvesting good quality in fair to good quantity.

Tomatoes - Good quantity and very good quality still available. Plum tomatoes are also available in good volume with similar very good quality.

White Potatoes - The Redskin variety Norland and Superior round white varieties being harvested. There is a large crop of good quality potatoes this year. Source your New Jersey white potatoes in their distinctive "Jersey Fresh" bags. A number of chain stores have made large displays of these and they've sold quite well.

JERSEY FRESH FORECAST

Brussels Sprouts - Should begin harvesting in Central New Jersey by October 10, 2004.

Cauliflower - Should begin harvesting by the end of the week in Central New Jersey.